

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/646,294  
Source: 1FWO  
Date Processed by STIC: 1/3/05

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 01/03/2005

PATENT APPLICATION: US/10/646,294

TIME: 11:24:53

Input Set : A:\56422-c.app

Output Set: N:\CRF4\01032005\J646294.raw

3 <110> APPLICANT: LARSEN, BJARNE DUE  
 4 PETERSEN, JORGEN SOBERG  
 5 MEIER, EDDIE  
 6 KJOLBYE, ANNE LOUISE  
 7 JORGENSEN, NIKLAS RYE  
 8 NIELSEN, MORTEN SCHAK  
 9 HOLSTEIN-RATHLOU, NIELS-HENRIK  
 10 MARTINS, JAMES B.  
 12 <120> TITLE OF INVENTION: NEW MEDICAL USES OF INTERCELLULAR COMMUNICATION  
 13 FACILITATING COMPOUNDS  
 15 <130> FILE REFERENCE: 56422-C (45487)  
 17 <140> CURRENT APPLICATION NUMBER: 10/646,294  
 18 <141> CURRENT FILING DATE: 2003-08-22  
 20 <150> PRIOR APPLICATION NUMBER: PCT/DK01/00127  
 21 <151> PRIOR FILING DATE: 2001-02-22  
 23 <150> PRIOR APPLICATION NUMBER: 09/792,286  
 24 <151> PRIOR FILING DATE: 2001-02-22  
 26 <150> PRIOR APPLICATION NUMBER: 60/314,470  
 27 <151> PRIOR FILING DATE: 2001-08-23  
 29 <150> PRIOR APPLICATION NUMBER: PA 2000 00288  
 30 <151> PRIOR FILING DATE: 2000-02-23  
 32 <150> PRIOR APPLICATION NUMBER: PA 2000 00738  
 33 <151> PRIOR FILING DATE: 2000-05-04  
 35 <160> NUMBER OF SEQ ID NOS: 114  
 37 <170> SOFTWARE: PatentIn Ver. 2.1  
 39 <210> SEQ ID NO: 1  
 40 <211> LENGTH: 6  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Artificial Sequence  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 46 peptide  
 48 <220> FEATURE:  
 49 <221> NAME/KEY: MOD\_RES  
 50 <222> LOCATION: (4)  
 51 <223> OTHER INFORMATION: 4Hyp  
 53 <400> SEQUENCE: 1  
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 55 1 5  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 5  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Artificial Sequence

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63 <220> FEATURE:
64 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
65     peptide
67 <220> FEATURE:
68 <221> NAME/KEY: MOD_RES
69 <222> LOCATION: (2)
70 <223> OTHER INFORMATION: 4Hyp
72 <400> SEQUENCE: 2
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74     1             5
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80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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88     1             5
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92 <211> LENGTH: 5
93 <212> TYPE: PRT
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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102     1             5
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111 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:

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131     peptide
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134 <221> NAME/KEY: MOD_RES
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140     1             5
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153 <221> NAME/KEY: MOD_RES
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155 <223> OTHER INFORMATION: Sar
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167 <220> FEATURE:
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174 <223> OTHER INFORMATION: Sar
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178     1             5
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186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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190 <220> FEATURE:
191 <221> NAME/KEY: MOD_RES
192 <222> LOCATION: (4)
193 <223> OTHER INFORMATION: Hyp
195 <220> FEATURE:

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Input Set : A:\56422-c.app

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196 <221> NAME/KEY: MOD\_RES  
197 <222> LOCATION: (6)  
198 <223> OTHER INFORMATION: Tyr (3-I)  
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207 <212> TYPE: PRT  
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210 <220> FEATURE:  
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214 <220> FEATURE:  
215 <221> NAME/KEY: MOD\_RES  
216 <222> LOCATION: (4)  
217 <223> OTHER INFORMATION: Hyp  
219 <220> FEATURE:  
220 <221> NAME/KEY: MOD\_RES  
221 <222> LOCATION: (6)  
222 <223> OTHER INFORMATION: Tyr (3-F)  
224 <400> SEQUENCE: 10  
W--> 225 Gly Ala Gly Xaa Pro Tyr  
226 1 5  
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231 <212> TYPE: PRT  
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234 <220> FEATURE:  
235 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
236 peptide  
238 <220> FEATURE:  
239 <221> NAME/KEY: MOD\_RES  
240 <222> LOCATION: (4)  
241 <223> OTHER INFORMATION: Hyp  
243 <220> FEATURE:  
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245 <222> LOCATION: (6)  
246 <223> OTHER INFORMATION: Tyr (3-C1)  
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255 <212> TYPE: PRT  
256 <213> ORGANISM: Artificial Sequence  
258 <220> FEATURE:  
259 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
260 peptide

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Input Set : A:\56422-c.app

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262 &lt;220&gt; FEATURE:

263 &lt;221&gt; NAME/KEY: MOD\_RES

264 &lt;222&gt; LOCATION: (4)

265 &lt;223&gt; OTHER INFORMATION: Hyp

267 &lt;220&gt; FEATURE:

268 &lt;221&gt; NAME/KEY: MOD\_RES

269 &lt;222&gt; LOCATION: (6)

270 &lt;223&gt; OTHER INFORMATION: Tyr (3-Br)

272 &lt;400&gt; SEQUENCE: 12

W--&gt; 273 Gly Ala Gly Xaa Pro Tyr

274 1 5

277 &lt;210&gt; SEQ ID NO: 13

278 &lt;211&gt; LENGTH: 6

279 &lt;212&gt; TYPE: PRT

280 &lt;213&gt; ORGANISM: Artificial Sequence

282 &lt;220&gt; FEATURE:

283 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

284 peptide

286 &lt;220&gt; FEATURE:

287 &lt;221&gt; NAME/KEY: MOD\_RES

288 &lt;222&gt; LOCATION: (4)

289 &lt;223&gt; OTHER INFORMATION: Hyp

291 &lt;400&gt; SEQUENCE: 13

W--&gt; 292 Arg Ala Gly Xaa Pro Tyr

293 1 5

296 &lt;210&gt; SEQ ID NO: 14

297 &lt;211&gt; LENGTH: 6

298 &lt;212&gt; TYPE: PRT

299 &lt;213&gt; ORGANISM: Artificial Sequence

301 &lt;220&gt; FEATURE:

302 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

303 peptide

305 &lt;220&gt; FEATURE:

306 &lt;221&gt; NAME/KEY: MOD\_RES

307 &lt;222&gt; LOCATION: (4)

308 &lt;223&gt; OTHER INFORMATION: Hyp

310 &lt;400&gt; SEQUENCE: 14

W--&gt; 311 Val Ala Gly Xaa Pro Tyr

312 1 5

315 &lt;210&gt; SEQ ID NO: 15

316 &lt;211&gt; LENGTH: 6

317 &lt;212&gt; TYPE: PRT

318 &lt;213&gt; ORGANISM: Artificial Sequence

320 &lt;220&gt; FEATURE:

321 &lt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

322 peptide

324 &lt;220&gt; FEATURE:

325 &lt;221&gt; NAME/KEY: MOD\_RES

326 &lt;222&gt; LOCATION: (4)

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/646,294

DATE: 01/03/2005  
TIME: 11:24:54

Input Set : A:\56422-c.app  
Output Set: N:\CRF4\01032005\J646294.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4  
Seq#:2; Xaa Pos. 2  
Seq#:5; Xaa Pos. 3  
Seq#:6; Xaa Pos. 2  
Seq#:7; Xaa Pos. 3  
Seq#:8; Xaa Pos. 2,3  
Seq#:9; Xaa Pos. 4  
Seq#:10; Xaa Pos. 4  
Seq#:11; Xaa Pos. 4  
Seq#:12; Xaa Pos. 4  
Seq#:13; Xaa Pos. 4  
Seq#:14; Xaa Pos. 4  
Seq#:15; Xaa Pos. 4  
Seq#:16; Xaa Pos. 4  
Seq#:17; Xaa Pos. 4  
Seq#:19; Xaa Pos. 3  
Seq#:21; Xaa Pos. 2  
Seq#:22; Xaa Pos. 2,3  
Seq#:23; Xaa Pos. 2,3  
Seq#:24; Xaa Pos. 2,3  
Seq#:25; Xaa Pos. 3  
Seq#:26; Xaa Pos. 2  
Seq#:27; Xaa Pos. 2,3  
Seq#:29; Xaa Pos. 1  
Seq#:30; Xaa Pos. 1  
Seq#:31; Xaa Pos. 2  
Seq#:32; Xaa Pos. 4,6  
Seq#:33; Xaa Pos. 3,4  
Seq#:34; Xaa Pos. 4  
Seq#:35; Xaa Pos. 2,4  
Seq#:36; Xaa Pos. 3,4  
Seq#:37; Xaa Pos. 2,4  
Seq#:38; Xaa Pos. 3  
Seq#:39; Xaa Pos. 3,6  
Seq#:40; Xaa Pos. 6  
Seq#:41; Xaa Pos. 2,6  
Seq#:42; Xaa Pos. 3,6  
Seq#:43; Xaa Pos. 2,6  
Seq#:44; Xaa Pos. 5  
Seq#:45; Xaa Pos. 3,5  
Seq#:46; Xaa Pos. 5  
Seq#:47; Xaa Pos. 2,5  
Seq#:48; Xaa Pos. 3,5  
Seq#:49; Xaa Pos. 2,5

RAW SEQUENCE LISTING ERROR SUMMARY

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TIME: 11:24:54

Input Set : A:\56422-c.app

Output Set: N:\CRF4\01032005\J646294.raw

Seq#:50; Xaa Pos. 4  
Seq#:51; Xaa Pos. 4,5  
Seq#:52; Xaa Pos. 5,6  
Seq#:57; Xaa Pos. 3  
Seq#:58; Xaa Pos. 3  
Seq#:59; Xaa Pos. 3  
Seq#:60; Xaa Pos. 3



## VERIFICATION SUMMARY

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PATENT APPLICATION: US/10/646,294

TIME: 11:24:54

Input Set : A:\56422-c.app

Output Set: N:\CRF4\01032005\J646294.raw

L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:73 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0  
L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:653 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0  
L:739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0  
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0  
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0  
L:825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
L:849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0  
L:873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
L:916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
L:940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
L:959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0  
L:983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0  
L:1007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0  
L:1031 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0  
L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0  
L:1074 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:1098 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0  
L:1173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0

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L:1192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0

L:1211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0